

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Masaaki OKUBO et al.

Application No.: 10/523,685

Filed: February 3, 2005

Docket No.: 122655

For: EXHAUST GAS TREATMENT APPARATUS

**TRANSMITTAL OF POWER OF ATTORNEY AND
STATEMENT UNDER 37 CFR § 3.73(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith is a Power of Attorney from the Assignees.

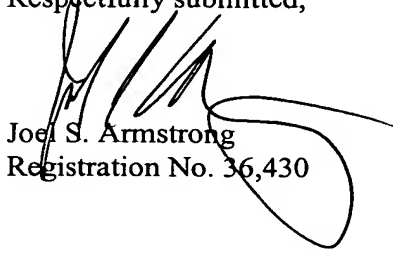
In compliance with 37 CFR §3.73(b), the undersigned hereby states that NGK INSULATORS, LTD.; Masaaki OKUBO; and Toshiaki YAMAMOTO are together the assignees of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above. A copy of the assignment is attached hereto.

The undersigned is authorized to act on behalf of the assignees.

In accordance with 37 CFR §1.36(a), submission of this Power of Attorney revokes any powers of attorney previously given.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD
BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NO. 25944, TELEPHONE
(703) 836-6400.**

Respectfully submitted,


Joel S. Armstrong
Registration No. 36,430

JSA/nxy

Date: July 5, 2005

EXHIBIT A

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**GENERAL POWER OF ATTORNEY
TO PROSECUTE APPLICATIONS BEFORE
THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Assignee Name and Address: NGK Insulators, Ltd.
2-56, Suda-cho, Mizuho-ku, Nagoya-city
Aichi-prefecture, 467-8530 Japan

appoints the patent practitioners associated with Oliff & Berridge, PLC Customer
Number 25944 to represent it before the United States Patent and Trademark Office in
connection with any and all U.S. patent applications assigned to the above-named assignee.

The undersigned is authorized to act on behalf of the assignee.

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD
BE SENT TO OLIFF & BERRIDGE, PLC, CUSTOMER NO. 25944, TELEPHONE
(703) 836-6400.**

October 28, 2004
Date

Takafumi Hochi
Signature

Typed Name: Takafumi Hochi

Title: General Manager, Legal Affairs &
Intellectual Property Department

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GENERAL POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Owner Name: MASAAKI OKUBO

hereby appoints the patent practitioners associated with Oliff & Berridge, PLC Customer No. 25944 as attorneys of record to prosecute any and all patents and patent applications in which this General Power of Attorney is filed, and all continuations and divisions thereof, owned in whole or in part by the above-named owner, and to transact all business in the Patent and Trademark Office.

The undersigned is authorized to execute this document as or on behalf of the owner.

**ALL CORRESPONDENCE SHOULD BE SENT TO OLIFF & BERRIDGE, PLC,
CUSTOMER NO. 25944, TELEPHONE (703) 836-6400.**

6/20/2005
Date

Masaaki Okubo
Signature

Typed Name: Masaaki OKUBO

Title: _____
(if acting on behalf of an Owner)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

GENERAL POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Owner Name: TOSHIAKI YAMAMOTO

hereby appoints the patent practitioners associated with Oliff & Berridge, PLC Customer No. 25944 as attorneys of record to prosecute any and all patents and patent applications in which this General Power of Attorney is filed, and all continuations and divisions thereof, owned in whole or in part by the above-named owner, and to transact all business in the Patent and Trademark Office.

The undersigned is authorized to execute this document as or on behalf of the owner.

**ALL CORRESPONDENCE SHOULD BE SENT TO OLIFF & BERRIDGE, PLC,
CUSTOMER NO. 25944, TELEPHONE (703) 836-6400.**

Date

6/20/2005

Signature

Typed Name: Toshiaki YAMAMOTO

Title:

(if acting on behalf of an Owner)

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) Masaaki OKUBO (5) _____

(2) Toshiaki YAMAMOTO (6) _____

(3) Shinichi MIWA (7) _____

(4) _____ (8) _____

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee

(10) Insert Address of Assignee

(9) NGK Insulators, Ltd.,

(10) Masaaki OKUBO and Toshiaki YAMAMOTO

(10) c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku,

Nagoya-city, Aichi-prefecture, 467-8530 Japan, and

Libest Nakamozu 603, 4-chome, 614-banchi 2,

Nakamozu-cho, Sakai-shi, Osaka, 591-8023 Japan, and

Fudaitakusha 4-106, 23-banchi, Onoshiba-cho, Sakai-shi,

Osaka, 599-8233 Japan

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number

(11) EXHAUST GAS TREATMENT APPARATUS

(Attorney Docket No. 122655)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application

(12) on _____

(13) Alternative Identification for filed applications

(13) U.S. application Serial Number 10/523,685

filed February 3, 2005

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Director of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>May 27, 2005</u>	Inventor Signature	<u>Masaaki Okubo</u>	(SEAL)
Date	<u>May 27, 2005</u>	Inventor Signature	<u>Toshiaki Yamamoto</u>	(SEAL)
Date	<u>June 2, 2005</u>	Inventor Signature	<u>Shinichi Miwa</u>	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	_____	Witness	_____
Date	_____	Witness	_____